

ABSTRACT

A body scanning measurement, typing and profiling apparatus and method utilizing microwave energy. Microwaves are used to measure the size and shape of an individual. An array of miniaturized transmitting antennas direct RF energy to a 5 similarly sized array of receiving antennas. Microwaves are directed toward an object, such as a human being, to be measured and the unabsorbed energy of the microwaves transmitted is measured and converted to a signal representative of the size and shape of the object being measured. A computer processor generates vital body measurements and stores such measurements for future use.